Please type a plus sign (+) inside this box [+]

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 4711/TCG/TPG/OTHER/LE
(maximum 12 characters)

First Named Inventor Steven Verhaverbeke

Title: METHOD AND APPARATUS FOR WAFER CLEANING

Express Mail Label No. EL 672 749 877 US

ADDRESS TO: **Box Patent Application**
Commissioner for Patents
Washington, D. C. 20231

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. __X__ **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)

2. _____ **Applicant Claims Small Entity Status. (37 CFR 1.27)**

3. __X__ **Specification   (Total Pages 64)**
(preferred arrangement set forth below)
- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference sequence listing, a table,
   or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. __X__ **Drawings(s) (35 USC 113)   (Total Sheets 19)**

5. __X__ **Oath or Declaration   (Total Pages 4   )**

   a. ____ Newly Executed (Original or Copy)

   b. ____ Copy from a Prior Application (37 CFR 1.63(d))
         (for Continuation/Divisional with Box 17 completed)

      i. __ DELETIONS OF INVENTOR(S) Signed statement attached deleting
            inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
            and 1.33(b).

   c. __X__ Unsigned.

6. _____ **Application Data Sheet. (37 CFR 1.76)**

7. _____ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. _____ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
   a ____   Computer Readable Form (CRF)

   b. ____   Specification Sequence Listing on:
            i _____CD-ROM or CD-R (2 copies), or
            ii. _____ paper

   c. ____   Statement verifying identity of above copies

2/15/01   - 1 -

ACCOMPANYING APPLICATION PARTS

9. _____ **Assignment Papers (cover sheet & documents(s))**

10. _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)

_____ b. Power of Attorney

11. _____ English Translation Document (if applicable)

12. _____ a. Information Disclosure Statement (IDS)/PTO-1449

_____ b. Copies of IDS Citations

13. _____ **Preliminary Amendment**

14. __X__ **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. _____ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

17. _____ Other: _____

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

____ **Continuation** ____ **Divisional** __X__ **Continuation-in-part (CIP)**

Of Prior Application No.: __09/603,792__ Examiner __Unassigned__ Group Art Unit __1746__

(which is a ___ continuation/ ___ divisional/ ___ CIP of prior application no. _____,

which is a ___ continuation/ ___ divisional/ ___ CIP of prior application no. _____) (List entire chain of priority)

**Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**

18B. Statement under 37 CFR 3.73(b) for _continuing_ application:
The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

---

19. Correspondence Address

_____ Customer Number or Bar Code Label

or _____

__X__ Correspondence Address Below   (Insert Customer No. or Attach Bar Code Label here)

NAME __Legal Counsel__

__APPLIED MATERIALS, INC.__

ADDRESS __P. O. BOX 450A__

CITY _Santa Clara_   STATE _California_   ZIP CODE _95052_

Country __U.S.A.__   TELEPHONE _(408) 720-8300_   FAX _(408) 720-9397_

Name (PRINT/TYPE): __Michael A. Bernadicou__   Registration No.: __35,934__

Signature: _[signature]_   Date: __June 25, 2001__

FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT ($) $5,356.00

Complete if Known:

Application No.   Not yet assigned

Filing Date   Herewith (6-25-01)
First Named Inventor   Steven Verhaverbeke
Group Art Unit   Not yet assigned
Examiner Name   Not yet assigned
Attorney Docket No.   4711/TCG/TPG/OTHER/LE

METHOD OF PAYMENT (check one)

1. [X] **The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:**

    Deposit Account Number   _____
    Deposit Account Name   _____

    [X] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

    [   ] Applicant claims small entity status. See 37 CFR 1.27

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2. __X__ Payment Enclosed: __X__   Check
                              _____   Credit Card
                              _____   Money Order
                              _____   Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
101	710	201	355	Utility application filing fee	710.00
106	320	206	160	Design application filing fee	_____
107	490	207	245	Plant filing fee	_____
108	710	208	355	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____

SUBTOTAL (1) $ 710.00

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2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims 207 − 20** =	187	X 18.00 =	3366.00
Independent Claims 19 − 3** =	16	X 80.00 =	1280.00
Multiple Dependent		_____ =	_____

Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) $ 4646.00

01/25/01   - 1 -

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for ex parte reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for reply within first month	_____
116	390	216	195	Extension for reply within second month	_____
117	890	217	445	Extension for reply within third month	_____
118	1,390	218	695	Extension for reply within fourth month	_____
128	1,890	228	945	Extension for reply within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive – unavoidable	_____
141	1,240	241	620	Petition to revive - unintentional	_____
142	1,240	242	620	Utility issue fee (or reissue)	_____
143	440	243	220	Design issue fee	_____
144	600	244	300	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Processing fee under 37 CFR 1.17(q)	_____
126	180	126	180	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
179	710	279	355	Request for Continued Examination (RCE)	_____
169	900	169	900	Request for expedited examination of a design application	_____
195	300	195	300	Publication fee for early, voluntary, or normal publication	_____
196	300	196	300	Publication fee for republication	_____
194	130	194	130	Request for voluntary publication or republication	_____
098	130	098	130	Processing fee under 37 CFR 1.17(i)	_____
091	1,240	091	1,240	Acceptance of unintentionally delayed claim for priority	_____

Other fee (specify) _____ _____

Other fee (specify) _____ _____

SUBTOTAL (3) $_____.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Michael A. Bernadicou

Signature: *[signature]*   Date: June 25, 2001

Reg. Number: 35,934   Telephone Number: (408) 720-8300

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Serial/Patent No.: __Not yet assigned__ Filing/Issue Date: __Herwith (6/25/01)__
Client: __Applied Materials__
Title: __METHOD AND APPARATUS FOR WAFER CLEANING__

BSTZ File No.: __04887.P454X__ Atty/Secty Initials: __MAB/MDG/den__
Date Mailed: __June 25, 2001__ Docket Due Date: __6/26/01__

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

☐ Amendment/Response (_____ pgs.)
☐ Appeal Brief (_____ pgs.) (in triplicate)
☐ Application - Utility (_____ pgs., with cover and abstract)
☐ Application - Rule 1.53(b) Continuation (_____ pgs)
☐ Application - Rule 1.53(b) Divisional (_____ pgs.)
☒ Application - Rule 1.53(b) CIP (_64_ pgs.)
☐ Application - Rule 1.53(d) CPA Transmittal (_____ pgs)
☐ Application - Design (_____ pgs)
☐ Application - PCT (_____ pgs)
☐ Application - Provisional (_____ pgs)
☐ Assignment and Cover Sheet
☒ Certificate of Mailing __Express w/PC__
☒ Declaration & POA (_4_ pgs) __unsigned__
☐ Disclosure Docs & Org & Copy of Inventor's Signed Letter(_____pgs)
☒ Drawings. _19_ # of sheets includes _21_ figures

☒ Express Mail No.:__EL6727490877US__ ☒ Check No. __43754__
☐ _____ Month(s) Extension of Time Amt: __$5,356.00__
☐ Information Disclosure Statement & PTO-1449 (__ pgs.) ☐ Check No _____
☐ Issue Fee Transmittal Amt _____
☐ Notice of Appeal
☐ Petition for Extension of Time
☐ Petition for _____
☒ Postcards(__two__)
☐ Power of Attorney (_____ pgs.)
☐ Preliminary Amendment (_____ pgs.)
☐ Reply Brief (_____ pgs)
☐ Response to Notice of Missing Parts
☐ Small Entity Declaration for Indep Inventor/Small Business
☒ Transmittal Letter, in duplicate
☒ Fee Transmittal, in duplicate

☐ Other. _____

__Atty/Dkt. 4711/TCG/TPG/other/LE__

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: __EL 672 749 877 US__
Date of Deposit: __June 25, 2001__

I hereby certify that I am causing this paper or fee, and the documents indicated on the postcard above, to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to: Box Patent Application, Commissioner for Patents, Washington, D. C. 20231

__Dianne Neathery__
(Typed or printed name of person mailing paper or fee)

__Dianne Neathery__   __6-25-01__
(Signature of person mailing paper or fee, and date of signature)